

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	464	382/171-172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/06 09:07
L2	14	((((determin\$5 or measur\$6 or count\$3 tally\$3 or enumerat\$4 or sum\$6 or add\$3 or calculat\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total)) or (count\$3 tally\$3 enumerat\$4)) near3 (ball\$1 object\$1 (solder near (bump\$1 or mark\$1)) bump\$1 mark\$1) and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/06 09:08
S1	2	"20030156748".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 13:40
S2	1	2003-801853.NRAN.	DERWENT	OR	OFF	2004/12/01 12:08
S3	2	"6744933".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/01 12:28
S5	48	("5375832" "5835563" "4543571" "5333855" "5562285" "6219461" "6219461" "5926278" "6130959" "5490040" "6064757" "6150729" "5999647" "6064769" "6141443" "5602638" "5836834" "5551279" "5346210" "5446701" "5896463" "5982916" "6086487" "4325553" "4435905" "5042163" "5290037" "5401016" "5486002" "4509427" "4539753" "4868992" "5246232" "5401026" "5566934" "5567870" "5603165" "5658210" "5682230" "5861956" "5860648" "5935023" "5938545" "5987983" "6079278" "6110052" "6179720" "6186002" "6224613" "6224613").pn.	USPAT	OR	OFF	2004/12/02 09:17
S6	16	(count\$3 near3 number with (object\$1 or ball\$1)) and (bga or ball\$grid\$array\$1 or (ball near grid near array\$1))	USPAT	OR	OFF	2004/12/02 09:19

S7	137	("3816722"   "3936800"   "3967100"   "3968475"   "3978326"   "4011403"   "4115702"   "4115762"   "4183013"   "4200861"   "4254400"   "4300164"   "4385322"   "4441124"   "4441206"   "4534813"   "4541116"   "4570180"   "4577344"   "4581762"   "4606065"   "4617619"   "4630306"   "4688088"   "4706168"   "4728195"   "4730260"   "4731858"   "4736437"   "4742551"   "4764870"   "4771469"   "4783826"   "4783828"   "4783829"   "4831580"   "4860374"   "4860375"   "4876457"   "4876728"   "4903218"   "4907169"   "4914553"   "4922543"   "4926492"   "4932065"   "4953224"   "4955062"   "4959898"   "4962423"   "4972359"   "4982438"   "5012402"   "5046190"   "5054096"   "5060276"   "5063608"   "5073958"   "5081656"   "5081689"   "5086478"   "5090576"   "5091861"   "5091968"   "5093867"   "5113565"   "5115309"   "5119435"   "5124622"   "5133022"   "5134575"   "5143436"   "5145432"   "5151951"   "5153925"   "5159281"   "5159645"   "5164994"   "5168269"   "5185855"   "5189712"   "5206820"   "5216503"   "5225940"   "5230027"   "5243607"   "5253306"   "5253308"   "5265173"   "5271068"   "5287449"   "5297256"   "5299269"   "5311598"   "5315388"   "5319457"   "5327156"   "5337267"   "5363507"   "5367439"   "5367667"   "5371690"   "5388197"   "5388252"   "5398292"   "5432525"   "5440699"   "5455870"   "5455933"   "5475766"   "5477138"   "5481712"   "5485570"   "5491780"   "5495424"   "5495537"   "5519840"   "5526050"   "5532739"   "5550763"   "5559904"   "5566877"   "5568563"   "5574668"   "5574801").PN. OR ("5583949"   "5583954"   "5592562"   "5594859"   "5598345"   "5602937"   "5608872"   "5621811"   "5640199"   "5640200"   "5652658"   "5761337").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 09:36
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S8	4	("5978502").URPN.	USPAT	OR	OFF	2004/12/02 09:55
S9	926	(determin\$5 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total) and (bga or ball\$grid\$array\$1 or (ball near grid near array\$1))	USPAT	OR	OFF	2004/12/02 10:15
S10	6	(determin\$5 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total) and (bga or ball\$grid\$array\$1 or (ball near grid near array\$1)) and ((project\$3 near space\$1) or ((illuminat\$4 or brightness or radiance or intensity) near2 profile\$1))	USPAT	OR	OFF	2004/12/02 10:07
S11	61	(determin\$5 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total) near2 (object\$1 ball\$1 bottle\$1 solder\$3 bump\$1 thing\$1) and ((project\$3 near space\$1) or ((illuminat\$4 or brightness or radiance or intensity) near2 profile\$1))	USPAT	OR	OFF	2004/12/02 10:14
S12	524	382/141.ccls.	USPAT	OR	OFF	2004/12/02 10:15
S15	690098	(determin\$5 or measur\$6 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total)	USPAT	OR	OFF	2004/12/03 09:19
S16	309	S12 and S15	USPAT	OR	OFF	2004/12/02 10:18
S17	11	("4319840"   "4340281"   "4557773"   "4845558"   "4975972"   "5181255"   "5212637"   "5331472"   "5433904"   "5463462"   "5621488").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:26
S18	4	("4688088"   "5490084"   "5513275"   "5946409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 10:40
S19	2	("6137528").URPN.	USPAT	OR	OFF	2004/12/02 10:45
S20	58	(count\$3 measur\$6 or determin\$6) near (number or quantit\$3 or amount) near2 (cigarette\$1)	USPAT	OR	OFF	2004/12/02 10:47
S21	6	("3625226").URPN.	USPAT	OR	OFF	2004/12/02 10:58
S22	29795	(method apparatus device) with (counting)	USPAT	OR	OFF	2004/12/02 15:07

S23	9494	(method apparatus device) near2 (counting)	USPAT	OR	OFF	2004/12/02 12:41
S24	18	(method apparatus device) near2 (counting) with (image near processing)	USPAT	OR	OFF	2004/12/02 12:46
S25	25	(method apparatus device) near2 (counting) with (image near processing)	US-PGPUB; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 12:52
S26	20	"149685"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 12:52
S27	1	1985-050164.NRAN.	DERWENT	OR	OFF	2004/12/02 12:54
S28	1	2004-710460.NRAN.	DERWENT	OR	OFF	2004/12/02 12:56
S29	4	("4791481"   "5383135"   "5544256"   "5751834").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 13:20
S30	3	("5936665").URPN.	USPAT	OR	OFF	2004/12/02 14:10
S31	114	382/204.ccls.	USPAT	OR	OFF	2004/12/02 14:10
S32	4	("4688088"   "5490084"   "5513275"   "5946409").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 14:14
S33	40	("2791695"   "3214574"   "3315229"   "3353024"   "3408485"   "3461280").PN. OR ("3805028").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 14:45
S34	143	382/192.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 15:02
S35	267	382/192.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 14:45
S36	491	382/145.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 15:02
S37	491	382/145.ccls.	US-PGPUB; USPAT	OR	OFF	2004/12/02 15:02

S38	542	382/145.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 15:02
S39	33646	(determin\$5 or measur\$6 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total) near3 (solder\$4 or ball\$1 or block\$1 or cell\$1 or object\$1 or mark\$1)	USPAT	OR	OFF	2004/12/02 15:07
S40	4	S38 and S39	USPAT	OR	OFF	2004/12/02 15:06
S42	62089	(determin\$5 or measur\$6 or count\$3 or sum\$6 or add\$3 or calculat\$3 enumerat\$3 tally\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total) near3 (solder\$4 or ball\$1 or block\$1 or cell\$1 or object\$1 or mark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 15:19
S43	10	S38 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 15:39
S44	69	(number or quantity or amount or total) near2 (balls) near2 ((ball near grid near array) or bga)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/02 15:41
S45	22	("5446960"   "5465152"   "5550763"   "5574668"   "5574801"   "5621530"   "5652658"   "5656402"   "5682242"   "5694482"   "5713666"   "5796590").PN. OR ("6151406").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 16:10
S46	1	2003-650375.NRAN.	DERWENT	OR	OFF	2004/12/02 16:14
S47	29	("4980971"   "5060276"   "5113565"   "5226095"   "5268999"   "5343028"   "5371690"   "5471541"   "5495537"   "5497451"   "5500906"   "5545887"   "5550763"   "5602937"   "5621807"   "5625715"   "5627912"   "5627915"   "5642158"   "5663809"   "5828769"   "5850469"   "5974169"   "6026176"   "6151406"   "6154567"   "6173070"   "6324299").PN. OR ("6614926").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 16:44



S48	69	382/142.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/02 16:45
S49	19623	((((determin\$5 or measur\$6 or count\$3 tally\$3 or enumerat\$4 or sum\$6 or add\$3 or calculat\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total)) or (count\$3 tally\$3 enumerat\$4)) near3 (ball\$1 object\$1 (solder near (bump\$1 or mark\$1)) bump\$1 mark\$1)	USPAT	OR	OFF	2004/12/03 09:23
S50	45296	((((determin\$5 or measur\$6 or count\$3 tally\$3 or enumerat\$4 or sum\$6 or add\$3 or calculat\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total)) or (count\$3 tally\$3 enumerat\$4)) near3 (ball\$1 object\$1 (solder near (bump\$1 or mark\$1)) bump\$1 mark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/06 09:07
S51	91	382/146.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 09:27
S52	2	S50 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 09:27
S53	6	("4264202"   "4398256"   "4472056"   "4531230"   "4550432"   "4553843").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/03 10:13
S54	34	("4696047").URPN.	USPAT	OR	OFF	2004/12/03 10:33
S57	222	382/172.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 10:33
S58	8	S50 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 13:05

S59	4	((uniform or constant) distance\$1) same (total near distance\$1) same ((determin\$5 or count\$4) near (number quantity amount) with (object\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 13:11
S60	554	((determin\$5 or count\$4) near (number quantity amount) with (object\$1)) with distance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 15:56
S61	114	((determin\$5 or count\$4) near (number quantity amount) near2 (object\$1)) with distance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 13:18
S62	43	((determin\$5 or count\$4) near (number quantity amount) near2 (object\$1)) near3 distance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 13:54
S63	21	((determin\$5 or count\$4) near (number quantity amount) near2 (ball\$1 mark\$1 lead\$1)) near3 distance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 13:55
S64	7	("3805239"   "4675909"   "4907288"   "4959869"   "4975972"   "5018214"   "5075872").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/12/03 14:35
S65	45296	((((determin\$5 or measur\$6 or count\$3 tally\$3 or enumerat\$4 or sum\$6 or add\$3 or calculat\$3 or total\$3) near2 (number\$1 or quantit\$3 or amount or total)) or (count\$3 tally\$3 enumerat\$4)) near3 (ball\$1 object\$1 (solder near (bump\$1 or mark\$1)) bump\$1 mark\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 15:04
S66	792	382/282,286.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 15:04

S67	35	S65 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 15:56
S68	1	((determin\$5 or count\$4) near (number quantity amount)) with (divid\$4 near2 (total near distance\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 16:15
S69	999	histogram\$1 with distance\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 16:16
S70	0	S59 and (382/168,170,172.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 16:17
S71	86	S69 and (382/168,170,172.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/12/03 16:36